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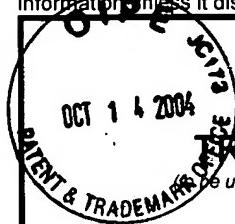
PTO/SB/21 REV 1 (12/97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(use for all correspondence after initial filing)

		Application Number	10/627,293
		Filing Date	07/25/2003
		First Named Inventor	Gill
		Examiner Name	A. Sefer
		Group Art Unit	2826
Total Number of Pages in This Submission	2 + postcard	Attorney Docket Number	HSJ920030029US1

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Response to Restriction Requirement <input type="checkbox"/> After Final <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO Form 1449 <input type="checkbox"/> () cited references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> PTO Form 1533 <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment w/Recordation Sheet <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Drawing Amendment <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Checklist and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <u>POSTCARD</u> <hr/> <hr/>
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Remarks:

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ervin F. Johnston Reg. No. 20,190
Signature	
Date	October 7, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P.O. 1450, Arlington, VA 22313-1450 on this date: October 7, 2004

Typed or printed name	Ervin F. Johnston	Date	October 7, 2004
Signature			



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Gill) Group No.: 2826
Serial No.: 10/627,293) Examiner: A. Sefer
Filed: July 25, 2003) Docket No. HSJ920030029US1
For: SPIN VALVE TRANSISTOR WITH)
SELF-PINNED ANTIPARALLEL)
PINNED LAYER STRUCTURE)

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

As required by the Examiner in the Office Action mailed 09/23/2004 the Applicant identifies claims 1-34 into Embodiments I, II and III as follows:

Embodiment I (Fig. 10): Claims 1, 2, 4-10, 15-20 and 25-30;

Embodiment II (Fig 11): Claims 1, 2, 4-6, 11-16, 21-26 and 31-34; and

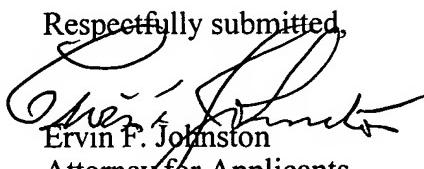
Embodiment III (Fif. 12): Claims 1, 3-10, 15-20 and 25-30.

As further required by the Examiner the Applicant elects Embodiment I claims 1, 2, 4-10, 15-20 and 25-30 without traverse.

Please note the new phone numbers hereinbelow.

Should the Examiner have any questions regarding this document he is respectfully requested to contact the undersigned.

Respectfully submitted,


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